



# SERVICE PARTS LIST

BULLETIN NO.  
54-40-2600

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS		REVISED BULLETIN	DATE
CORDLESS 18V COMPACT BAND SAW		Aug. 2014	
CATALOG NO.	STARTING SERIAL NO.	WIRING INSTRUCTION SEE PAGES 5, 6, 7 & 8	
2629-20	C14A		

EXAMPLE:  
00 0 Component Parts (Small #)  
Are Included When Ordering  
The Assembly (Large #).

FIG.	PART NO.	DESCRIPTION OF PART
35	06-82-5574	10-24 x 7/8" Pan Hd. Tapt. T-25 Screw
36	06-82-0035	M5 Pan Hd. T-20 Screw
39	-----	Deck
47	-----	Brush Card
48	22-56-0150	Wire Nut (C1 & C2)

50	18-01-3015	Service Field
52	16-01-3091	Service Armature
53	05-78-0305	Switch Screw
54	45-88-1890	Spring Washer
55	06-82-5320	8-32 x 5/8" Pan Hd. Slt. Tapt. T-20 Screw
56	28-28-0060	Diaphragm
57	02-04-0645	Ball Bearing
58	-----	1st Gear
59	-----	Ball Bearing
60	-----	2nd Bevel Pinion
61	-----	Bevel/Spur Gear
62	-----	Needle Bearing
63	-----	Gearcase
64	02-04-0135	Ball Bearing
66	45-30-0255	Rubber Slug
67	-----	3rd Gear
68	-----	Pulley Shaft
69	43-96-0105	Key
70	02-04-1525	Ball Bearing
71	45-88-0406	Washer
72	28-14-0180	Bearing Plate Bottom
73	06-82-7261	6-19 x 11/16" Pan Hd. Slt. Plast. T-15 Screw
74	06-82-7270	8-16 x 5/8" Pan Hd. Slt. Plast. T-20 Screw
75	-----	Handle - Left
76	40-50-0650	Compression Spring
77	-----	Terminal Block Assembly
78	42-55-0100	Carrying Case
79	06-82-5294	1/4-20 x 3/4" Pan Hd. Tapt. T-30 Screw
80	23-66-1000	Switch
81	06-82-7251	8-16 x 3/8" Pan Hd. Slt. Plast. T-20 Screw
82	-----	Lock-Off Shuttle
83	40-50-0665	Detent Spring
84	10-20-1865	LED Label
85	-----	PCB
86	-----	Handle - Right
87	06-82-0045	3/8"-16 UNC-3A Hex Recess Screw
88	31-44-0095	Front T-Handle
89	06-82-5316	8-32 x 1/2" Pan Hd. Slt. Tapt. T-20 Screw
90	45-88-0825	Washer
91	-----	Motor Cover
92	-----	Wire Assembly
93	-----	LED Switch Box
94	31-44-0305	Handle Kit
95	31-15-0205	Motor Cover Assembly
96	28-90-0015	Deck Assembly
105	●	Bevel Pinion Assembly } ORDER AS A SET
106	●	Bevel/Spur Gear Assy. } Cat. No. 32-05-2629
107	14-73-0040	Pulley Gear Assembly
108	14-30-0050	Top Gearcase Assembly
109	45-24-0055	Shuttle Lock-Off Kit
110	14-20-0025	Electronics Kit
113	05-88-0928	M3 x 5mm Pan Hd. T-10 Screw
114	45-88-1980	Spring washer
115	-----	Leadwire Assembly - Red
116	-----	Leadwire Assembly - Black
117	14-46-2397	Leadwire/Screw/Washer Kit
118	14-46-2016	Brush Card Assembly

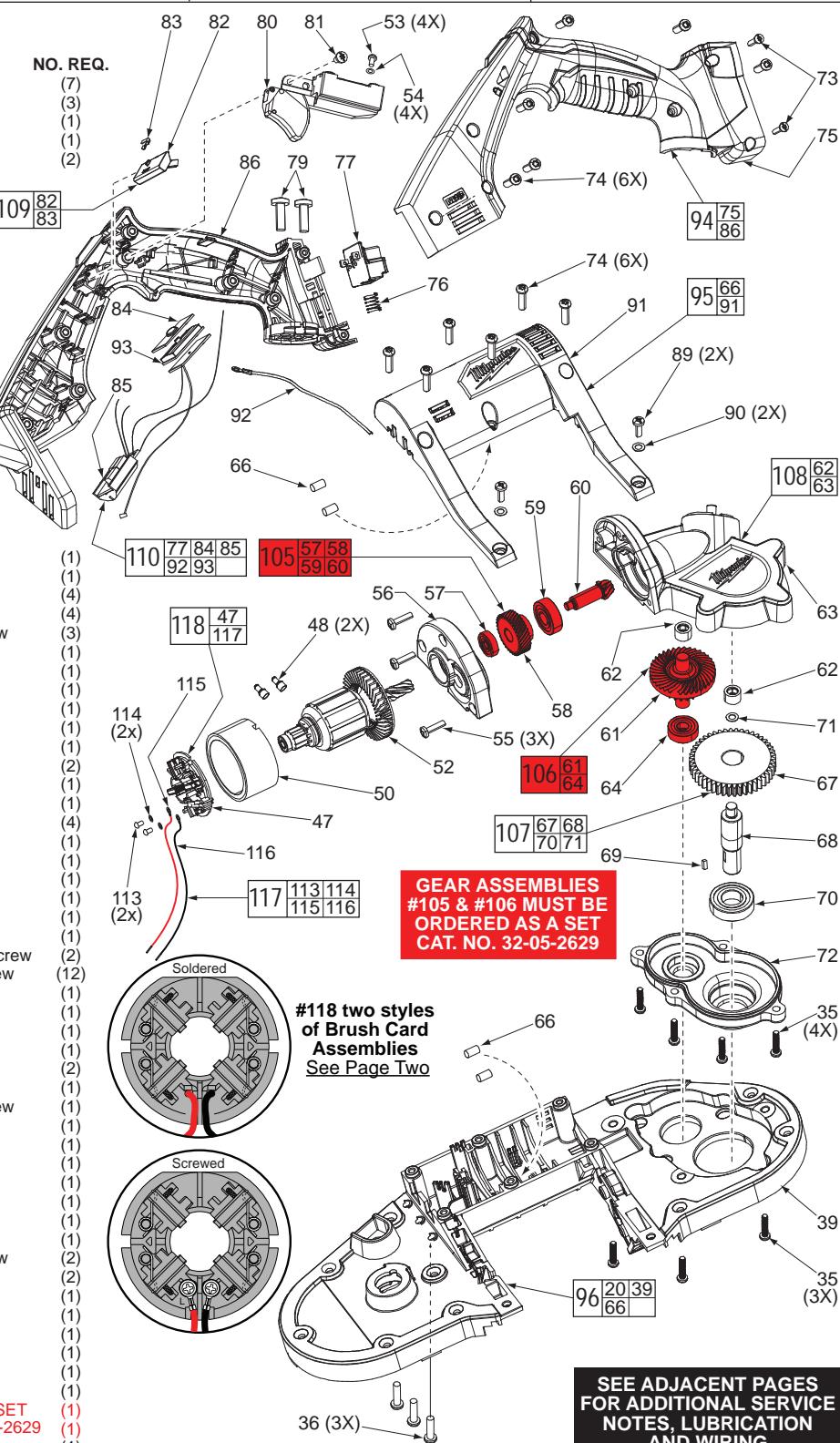
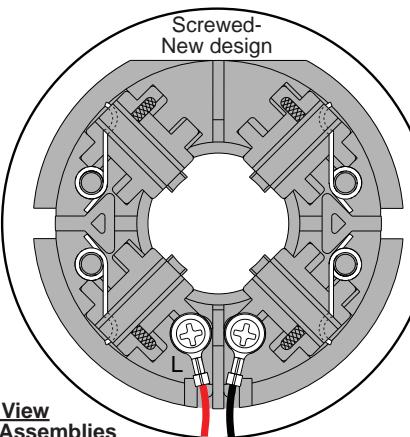
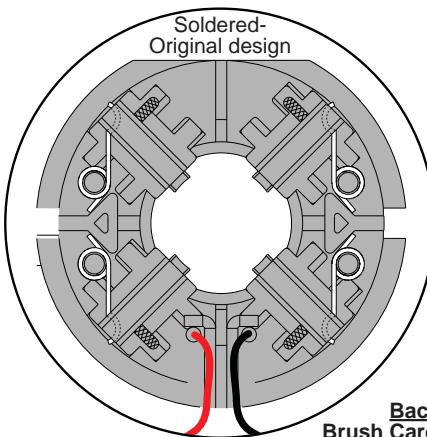


FIG. NOTE:  
64,70 Orient the Ball Bearings so the seal faces the gears.

68 Apply approximately .1g Loctite® C5-A Copper Anti-Seize (or equivalent) to bottom portion of Pulley Shaft that fits into Rear Pulley (4).

MILWAUKEE ELECTRIC TOOL CORPORATION  
13135 W. LISBON RD., BROOKFIELD, WI 53005  
Drwg. 8



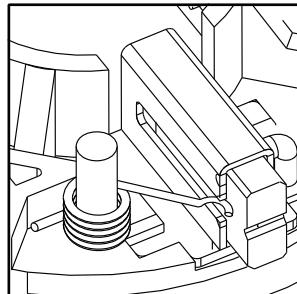
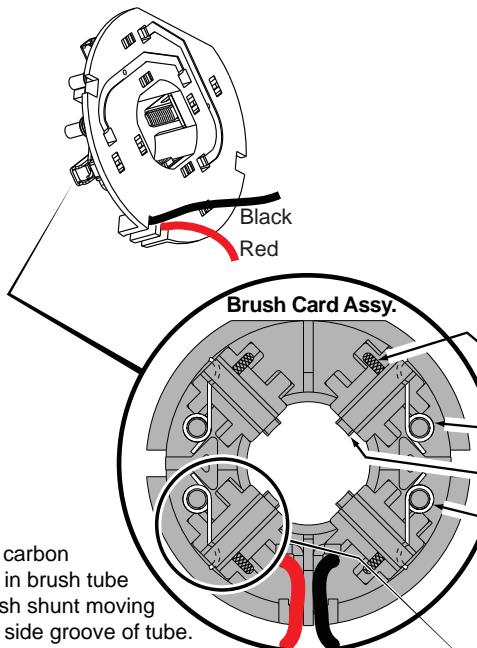
**Back View**  
**Brush Card Assemblies**

**NOTE:**  
There are two Brush Card Assembly designs.

On the original brush card design the red and black wires that go to the switch are soldered on the brush card.

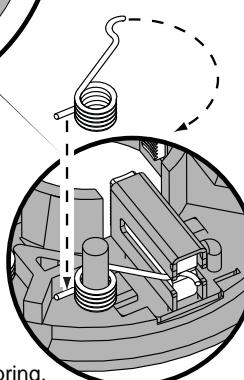
On the new brush card design the red and black wires that go to the switch are secured to the brush card with spring washers and screws.

The new brush card design is **directly interchangeable** in tools that have the old brush card design.



**NOTE:**  
As an aid to prevent damage to the armature commutator or the brushes when removing and installing the armature assembly, it is recommended to pull the carbon brushes partially back into the brush tube. The carbon brushes will be held in place with the brush spring moving from the rear of the brush to the side of the brush.

In the unlikely event that the spring pops off follow the instructions below.



Place brush spring over post with short leg positioned downward as shown. Be sure spring is completely down with short leg trapped against 'Y' shaped wall on brush card.

While holding spring in place, bring the long leg of spring over the brush tube and through rear opening of tube. Position rounded hook of spring in groove on back of carbon brush. Be sure to check for free movement between carbon brush, brush shunt and brush spring.

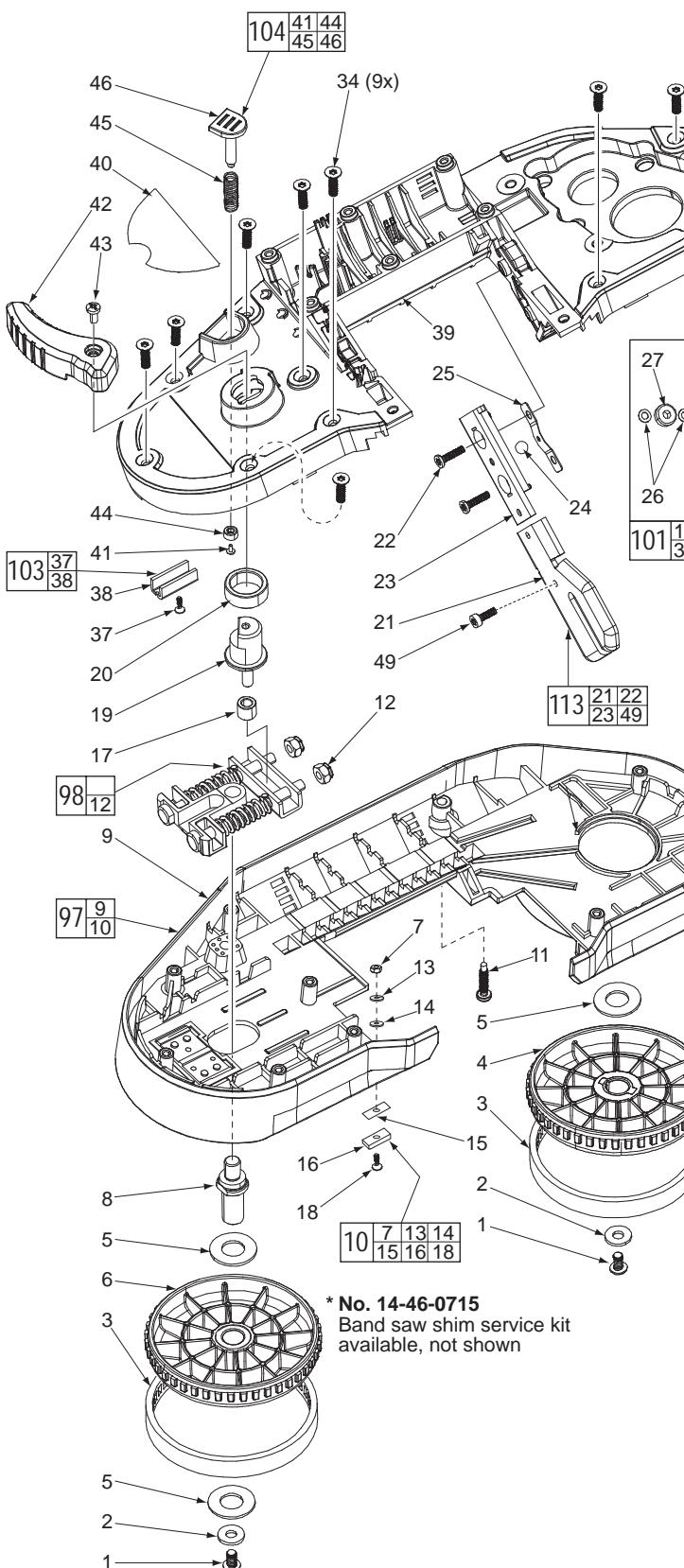
Wrong



Correct

Short leg of spring to the bottom

★ = Part number change  
from previous  
service parts list.



**FIG** **NOTE**

**FIG. NOTE:**

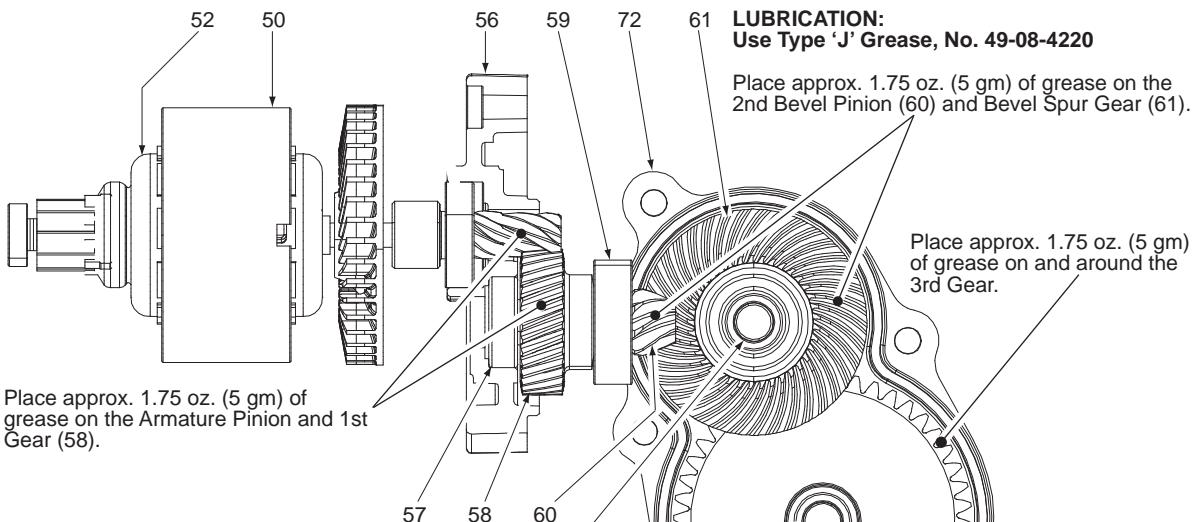
24 Apply Loctite® Silver Grade Anti-Seize Stick 80209 (or equivalent) to Steel Ball.

8 Apply Loctite® Cleaner 755 (or equivalent) to Front Pulley Axle thread first then place a drop or two of Blue Loctite® 443 (or equivalent) to axle threads.

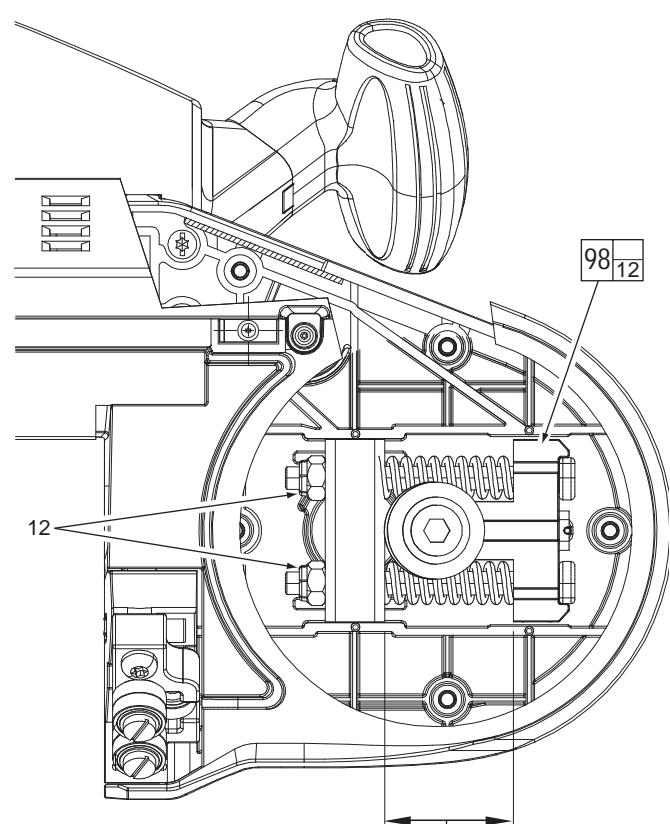
18,41 Apply a drop of Blue Loctite® 443 (or equivalent) to threads of each screw.

9,38 Apply Loctite® C5-A Copper Anti-Seize (or equivalent) to metal insert in Guard and to Guide Plate. Approximately .1g for each part.

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	06-82-0040	1/4"-20 UNC-2A TH Hex Screw	(2)
2	45-88-0832	Steel Washer	(2)
3	45-69-0030	Pulley Tire	(2)
4	44-77-0170	Rear Pulley	(1)
5	45-88-0545	Plastic Washer	(3)
6	28-95-0030	Front Pulley Assembly	(1)
7	-----	Nut	(1)
8	42-12-0235	Front Pulley Axle	(1)
9	-----	Guard	(1)
10	14-46-0340	Blade Backing Pad Kit	(1)
11	05-88-9915	M5 x 25mm DG Pan Hd. T-25 Screw	(3)
12	06-57-5000	Nut	(2)
13	-----	Spring Washer	(1)
14	-----	Washer	(1)
15	-----	Insulator	(1)
16	-----	Blade Backing Pad	(1)
17	42-40-1010	Bushing	(1)
18	-----	Screw	(1)
19	45-08-0065	Blade Release Shaft Assembly	(1)
20	42-40-0640	Sleeve Bearing	(1)
21	-----	Bumper	(1)
22	06-82-0050	M5.0 x 0.8-6g Flat Hd. T-20 Screw	(2)
23	-----	T-Block	(1)
24	02-02-0250	1/4" Steel Ball	(1)
25	40-50-0655	Bumper Spring	(1)
26	-----	Washer	(4)
27	-----	Ball Bearing	(2)
28	-----	Pin	(2)
29	-----	Ball Bearing	(8)
30	-----	Washer	(4)
31	-----	#12-24 UNC-2A CH Slt. Screw	(4)
32	-----	Rear Blade Guide Block	(1)
33	-----	Front Blade Guide Block	(1)
34	06-82-0030	M4.5 Flat Hd. T-20 Screw	(9)
37	-----	M3.0 Flat Hd. B Screw	(1)
38	-----	Guide Plate	(1)
39	-----	Deck	(1)
40	12-20-2629	Service Nameplate Kit	(1)
41	-----	M2.0 x .25 PWH T-6 Screw	(1)
42	45-08-0490	Blade Release Lever	(1)
43	06-82-7252	8-32 x 3/8" Pan Hd. Slt. Tapt. T-20 Screw	(1)
44	-----	Bushing	(1)
45	-----	Spring	(1)
46	-----	Blade Ejection Pin	(1)
49	-----	Bandsaw Fixed Material Guide w/ Screw	(1)
96	28-90-0015	Deck Assembly	(1)
97	28-41-0050	Guard Assembly	(1)
98	42-18-0025	Blade Tension Bar Assembly	(1)
100	14-46-0465	Guide Block Hardware Kit	(1)
101	42-28-0410	Front Guide Block Assembly	(1)
102	42-28-0420	Rear Guide Block Assembly	(1)
103	44-66-0325	Guide Plate Kit	(1)
104	44-60-0240	Blade Ejection Shaft Kit	(1)
113	42-38-0010	Bumper Assembly	(1)



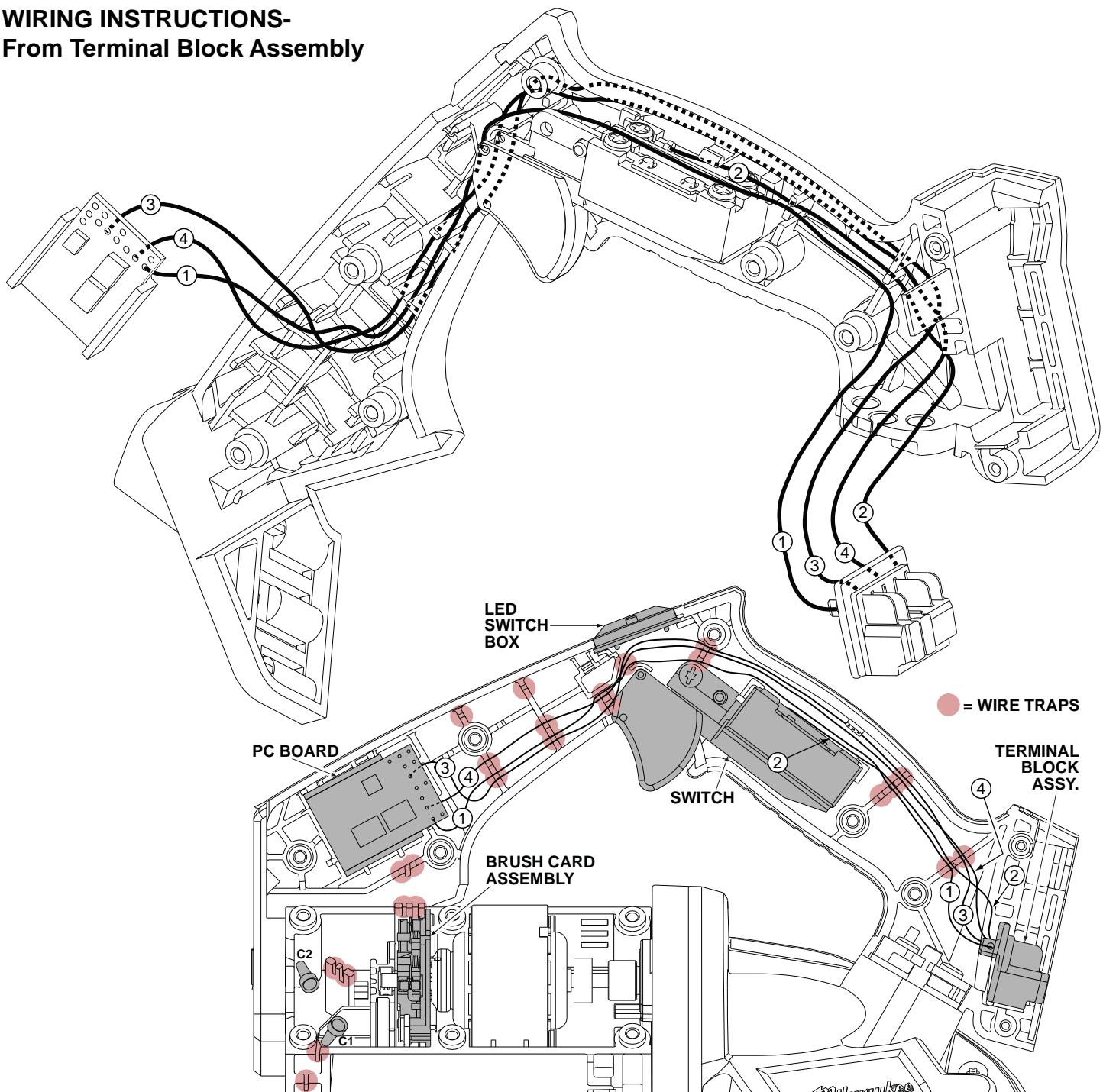
SCREW TORQUE CHART			
ITEM	PART NO.	PART DESCRIPTION	SEAT TORQUE
			(IN/LBS) (KG/CM)
1	06-82-0040	1/4"-20 UCN-2A TH Hex	65-74 75-85
7	-----	M2 x 0.4 Nut	2-4 3-5
8	42-12-0235	Front Pulley Axle	78-87 90-100
11	05-88-9915	M5 x 25mm DG PH T-25	16-21 19-24
12	06-57-5000	Flex-Loc Nut	To Assembly Length
18	-----	M2 x 0.4 T-6	2-4 3-5
22	06-82-0050	M5 x .8-6g FH T-20	26-30 30-35
31	06-82-0120	#12-24 UNC-2A CH Slotted	39-48 45-55
34	06-82-0030	M4.5 FH T-20	16-21 19-24
35	06-82-5574	#10-24 x 7/8" PH T-25	39-48 45-55
36	06-82-0035	M5.0 PH T-20	22-26 25-30
37	06-82-0010	M3 FH B	6-9 7-10
41	06-82-0025	M2.0 x .25 PWH T-6	2-4 3-5
43	06-82-7252	#8-32 x 3/8" PH T-20	22-26 25-30
55	06-82-5320	#8-32 x 5/8" PH T-20	26-31 30-36
73	06-82-7261	#6-19 x 11/16" PH T-15	16-21 19-24
74	06-82-7270	#8-16 x 5/8" PH T-20	16-21 19-24
79	06-82-5294	1/4"-20 UNC-2A PH T-30	65-74 75-85
81	06-82-7251	#8-16 x 3/8" PH T-20	10-14 12-16
87	06-82-0045	3/8"-16 UNC-3A T-20	87-104 100-120
89	06-82-5316	#8-32 x 1/2" PH T-20	16-21 19-24



Dimension between inside edges  
of blade tensioning bars:  
35.8 ±0.2mm (1-13/32") -

## WIRING INSTRUCTIONS-

### From Terminal Block Assembly



AS AN AID TO REASSEMBLY,  
TAKE NOTICE OF WIRE ROUTING AND  
POSITION IN WIRE GUIDES AND TRAPS  
WHILE DISMANTLING TOOL.

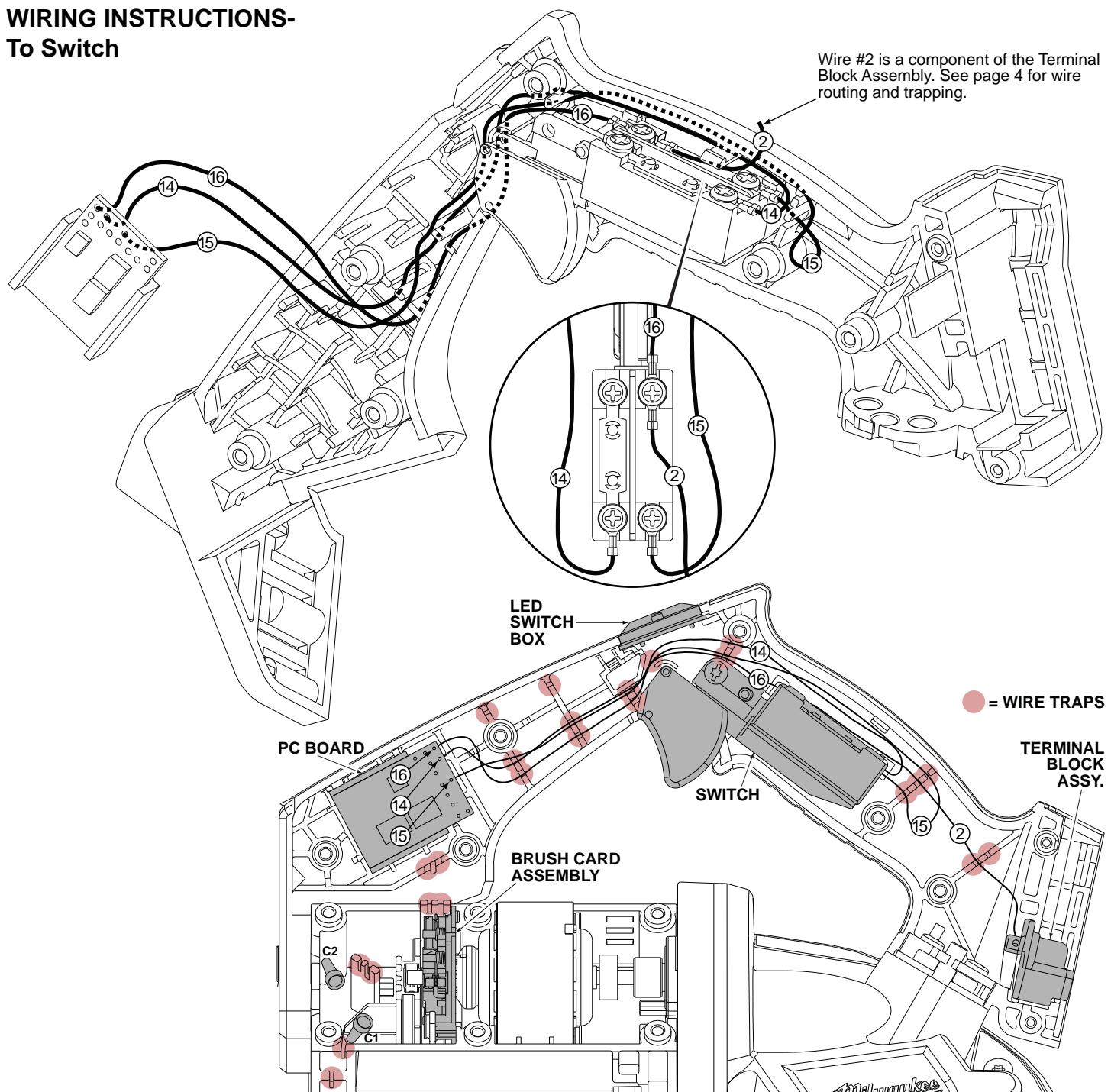
BE CAREFUL AND AVOID PINCHING  
WIRES BETWEEN HANDLE HALVES  
WHEN ASSEMBLING.

#### WIRING SPECIFICATIONS

Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation
1	Black	Electronics Kit	-----	Connects from Terminal Block Assembly to PCB.
2	Red	Electronics Kit	-----	Connects from Terminal Block Assembly to Switch.
3	Black	Electronics Kit	-----	Connects from Terminal Block Assembly to PCB.
4	Pink	Electronics Kit	-----	Connects from Terminal Block Assembly to PCB.
5	White	Electronics Kit	-----	Connects from LED Switch Box to PCB.
6	Pink	Electronics Kit	-----	Connects from LED Switch Box to LED.
7	Black	Electronics Kit	-----	Connects from LED Switch Box to PCB.
8	Pink	Electronics Kit	-----	Connects from LED Switch Box to PCB.
9	Red	Electronics Kit	-----	Connects from PCB to Wire #13 from Brush Card with C1.
10	Black	Electronics Kit	-----	Connects from PCB to Wire #12 from Brush Card with C2.
11	Black	Electronics Kit	-----	Connects from PCB to LED.
12	Black	Brush Card Assy.	-----	Connects from Brush Card to Wire #10 from PCB with C2.
13	Red	Brush Card Assy.	-----	Connects from Brush Card to Wire #9 from PCB with C1.
14	Black	Electronics Kit	-----	Connects from PCB to Switch. (See detail on page 5).
15	Black	Electronics Kit	-----	Connects from PCB to Switch. (See detail on page 5).
16	Pink	Electronics Kit	-----	Connects from PCB to Switch. (See detail on page 5).

## WIRING INSTRUCTIONS-

### To Switch



AS AN AID TO REASSEMBLY,  
TAKE NOTICE OF WIRE ROUTING AND  
POSITION IN WIRE GUIDES AND TRAPS  
WHILE DISMANTLING TOOL.

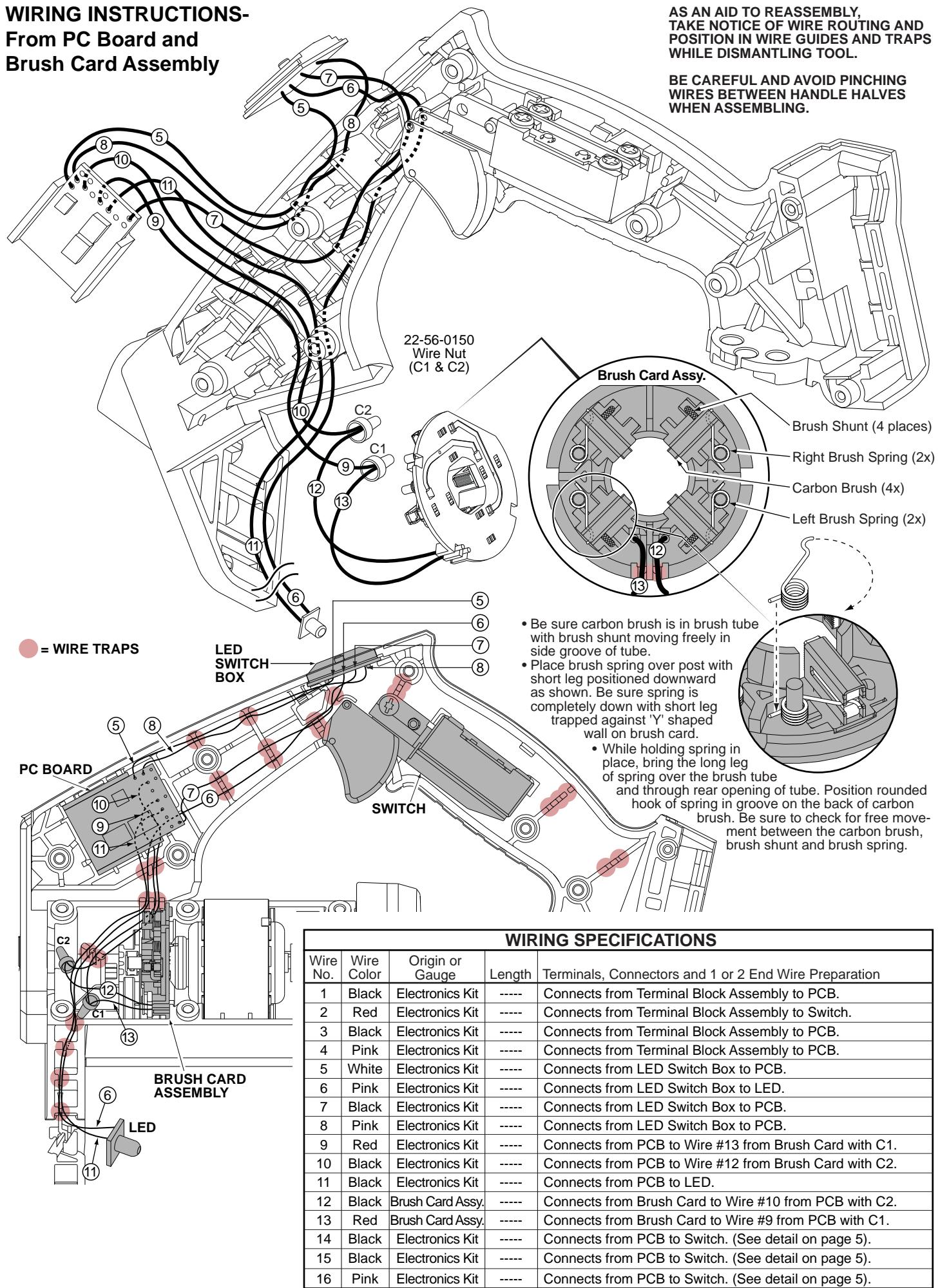
BE CAREFUL AND AVOID PINCHING  
WIRES BETWEEN HANDLE HALVES  
WHEN ASSEMBLING.

#### WIRING SPECIFICATIONS

Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation
1	Black	Electronics Kit	-----	Connects from Terminal Block Assembly to PCB.
2	Red	Electronics Kit	-----	Connects from Terminal Block Assembly to Switch.
3	Black	Electronics Kit	-----	Connects from Terminal Block Assembly to PCB.
4	Pink	Electronics Kit	-----	Connects from Terminal Block Assembly to PCB.
5	White	Electronics Kit	-----	Connects from LED Switch Box to PCB.
6	Pink	Electronics Kit	-----	Connects from LED Switch Box to LED.
7	Black	Electronics Kit	-----	Connects from LED Switch Box to PCB.
8	Pink	Electronics Kit	-----	Connects from LED Switch Box to PCB.
9	Red	Electronics Kit	-----	Connects from PCB to Wire #13 from Brush Card with C1.
10	Black	Electronics Kit	-----	Connects from PCB to Wire #12 from Brush Card with C2.
11	Black	Electronics Kit	-----	Connects from PCB to LED.
12	Black	Brush Card Assy.	-----	Connects from Brush Card to Wire #10 from PCB with C2.
13	Red	Brush Card Assy.	-----	Connects from Brush Card to Wire #9 from PCB with C1.
14	Black	Electronics Kit	-----	Connects from PCB to Switch. (See detail on page 5).
15	Black	Electronics Kit	-----	Connects from PCB to Switch. (See detail on page 5).
16	Pink	Electronics Kit	-----	Connects from PCB to Switch. (See detail on page 5).

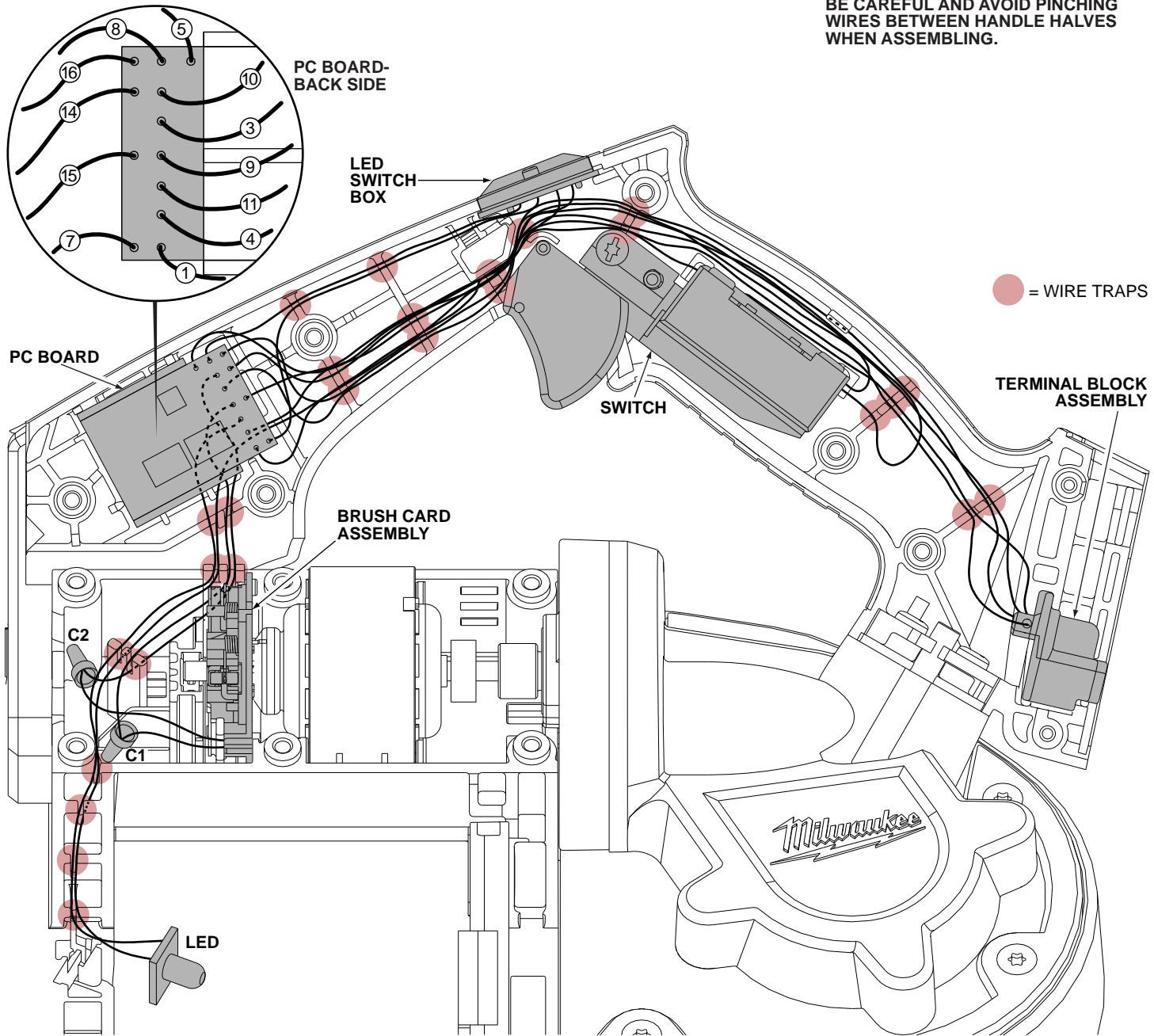
## WIRING INSTRUCTIONS-

### From PC Board and Brush Card Assembly



## WIRING INSTRUCTIONS-

### All wire routings and trapping



AS AN AID TO REASSEMBLY,  
TAKE NOTICE OF WIRE ROUTING AND  
POSITION IN WIRE GUIDES AND TRAPS  
WHILE DISMANTLING TOOL.

BE CAREFUL AND AVOID PINCHING  
WIRES BETWEEN HANDLE HALVES  
WHEN ASSEMBLING.

WIRING SPECIFICATIONS				
Wire No.	Wire Color	Origin or Gauge	Length	Terminals, Connectors and 1 or 2 End Wire Preparation
1	Black	Electronics Kit	-----	Connects from Terminal Block Assembly to PCB.
2	Red	Electronics Kit	-----	Connects from Terminal Block Assembly to Switch.
3	Black	Electronics Kit	-----	Connects from Terminal Block Assembly to PCB.
4	Pink	Electronics Kit	-----	Connects from Terminal Block Assembly to PCB.
5	White	Electronics Kit	-----	Connects from LED Switch Box to PCB.
6	Pink	Electronics Kit	-----	Connects from LED Switch Box to LED.
7	Black	Electronics Kit	-----	Connects from LED Switch Box to PCB.
8	Pink	Electronics Kit	-----	Connects from LED Switch Box to PCB.
9	Red	Electronics Kit	-----	Connects from PCB to Wire #13 from Brush Card with C1.
10	Black	Electronics Kit	-----	Connects from PCB to Wire #12 from Brush Card with C2.
11	Black	Electronics Kit	-----	Connects from PCB to LED.
12	Black	Brush Card Assy.	-----	Connects from Brush Card to Wire #10 from PCB with C2.
13	Red	Brush Card Assy.	-----	Connects from Brush Card to Wire #9 from PCB with C1.
14	Black	Electronics Kit	-----	Connects from PCB to Switch. (See detail on page 5).
15	Black	Electronics Kit	-----	Connects from PCB to Switch. (See detail on page 5).
16	Pink	Electronics Kit	-----	Connects from PCB to Switch. (See detail on page 5).